



ATTORNEY DOCKET NO. 07148/032001

PATENT

#5

829-96

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lorin R. DeBonte et al. Art Unit: Unknown  
Serial No.: 08/572,027 Examiner: Unknown  
Filed : 12/14/95  
Title : PLANTS HAVING MUTANT SEQUENCES THAT CONFER ALTERED FATTY ACID PROFILES

Commissioner of Patents and Trademarks  
Washington, DC 20231

TRANSMITTAL LETTER

Correspondence relating to this application is enclosed as follows:

1. Information Disclosure Statement (3-pgs)
2. PTO 1449 Form (12 pgs)
3. Cited References (42)

Please apply any charges not covered, or any credits, to Deposit Account No. 06-1050.

Respectfully submitted,

Date: April 9, 1996

Ronald C. Lundquist  
Ronald C. Lundquist, Ph.D.  
Reg. No. 37,875

Fish & Richardson P.C., P.A.  
60 South Sixth Street, Suite 3300  
Minneapolis, MN 55402

Telephone: 612/335-5070  
Facsimile: 612/288-9696

3722.M11

Date of Deposit April 9, 1996  
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Lorin R. DeBonte  
Attala, DeBonte & Lundquist



PATENT

ATTORNEY DOCKET NO. 07148/032001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lorin DeBonte et al. Art Unit: Unknown  
Serial No.: 08/572,027 Examiner: Unknown  
Filed : 12/14/95  
Title : PLANTS HAVING MUTANT SEQUENCES THAT CONFER ALTERED FATTY ACID PROFILES

Commissioner of Patents and Trademarks  
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant submits the references listed on the attached form PTO 1449, copies of which are enclosed.

**U.S. PATENTS**

<u>Patent No.</u>	<u>Inventor</u>	<u>Issued</u>
4,627,192	Fick	12/09/86
4,948,811	Spinner et al.	08/14/90
5,387,758	Wong et al.	02/07/95
5,434,283	Wong et al.	07/18/95

**FOREIGN ART**

<u>No.</u>	<u>Country</u>	<u>Date</u>
EP 323 753	EPO	12 July 1989
WO 91/15578	PCT	17 Oct 1991
WO 93/11245	PCT	10 Jun 1993
WO 94/15116	PCT	26 May 1994

**OTHER REFERENCES**

Conner et al., Coronary Heart Disease: Prevention, Complications, and Treatment, 43-64, 1985.

F.H. Mattson, J. Am. Diet. Assoc., 89, 387-390, 1989.

Date of Deposit April 9 1996  
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Milissa Dwyer  
Milissa Dwyer

Mensink et al., New England J. Med., **321**, 436-441,  
1989.

S.M. Grundy, New England J. Med., **314**, 745-748, 1986.

Garg et al., New England J. Med., **319**, 829-834, 1988.

Williams et al., J. Am. Med. Assoc., **257**, 3251-3256,  
1987.

Circulation, Vol. XLI, Suppl. I, Keys, A., ed., pp.  
I162-I183 (1970).

Pleines and Friedt, Fat Sci. Technol., **90**(5), 167-  
171, 1988.

Rakow and McGregor, J. Amer. Oil Chem. Soc., **50**, 400-  
403, Oct. 1973.

Roy and Tarr, Pflanzenzuchtq, **95**(3), 201-209, 1985.

Roy and Tarr, Plant Breeding, **98**, 89-96, 1987.

Canvin, Can. J. Botany, **43**, 63-69, 1965.

G.Z. Gaul, Radiation Botany, **4**, 155-232, 1964.

G.Z. Rakow, Pflanzenzuchtq, **69**, 62-82, 1973.

Scarth et al., Can. J. Plant Sci., **68**, 509-511, 1988.

Downey et al., Can. J. Plant Sci., **43**, 271, 1963.

B.R. Stefanson, In; High and Low Erucic Acid Rapeseed  
Oils, Ed. N.T. Kenthies, Academic Press Inc., Canada, 145-159,  
1983.

G. Robbelen, In; Biotechnology for the Oils and Fats  
Industry, American Oil Chemists Society, 97-105, 1984.

Kirk-Othmer Encyclopedia of Chemical Technol., 3rd  
Edition, **9**, 795-831, 1980.

Pleines et al., Abstract of Proceedings of the 7th  
International Rapeseed Congress, Poznan, Poland, May 11-14, 1987.

Tremolieres et al., Phytochemistry, **21**(1), 41-45,  
1982.

Robbelen et al., Pflanzenauchtg, **75**, 93-105, 1985.

Robbelen et al., Proceedings of the International Conference on the Scientific, Technology, and Marketing of Rapeseed and Rapeseed Products, September 20-23, 1970.

Pleines et al., Abstract of 43rd Lecture Meeting of Deutsche Gesellschaft fur Feltwissenschaft in Hamburg, September 30-October 11, 1987.

Brunklaus-Jung et al., Plant Breeding, 98, 9-16, 1987.

Hoffman et al., Theor. Appl. Genet., 61, 225-232, 1982.

Kondra et al., Selection for Oleic, Linoleic and Linolenic Acid Content in F<sub>2</sub> Populations of Rape, Can. J. Plant Sci., 56, 961-966, 1976.

Svalöf 1886-1986 Research and Results in Plant Breeding, pp. 173-184 LTs forlag, Stockholm.

Okuley et al., Plant Cell, 6:147-158, 1994.

Arondel et al., Science, 258:1153-1155, 1992.

Yadav et al., Plant Physiol., 103:467-476, 1993.

Hitz et al., Plant Physiol., 103:635-641, 1994.

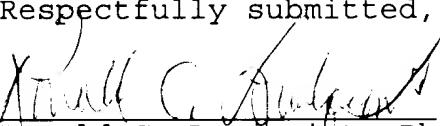
Töpfer et al., Science, 268:681-686, 1995.

Shanklin et al., Biochemistry, 33:12787, 1994.

This statement is being filed before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account 06-1050.

Respectfully submitted,

Date: April 9, 1994

  
Ronald C. Lundquist, Ph.D.  
Reg. No. 37,875

Fish & Richardson P.C., P.A.  
60 South Sixth Street, Suite 3300  
Minneapolis, MN 55402

Telephone: 612/335-5070  
Facsimile: 612/288-9696  
3722.M11